



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/781,284
				Filing Date	2/18/2004
				First Named Inventor	Backes
				Art Unit	2665
				Examiner Name	Not yet known PHILPOTT
Sheet	1	of	1	Attorney Docket Number	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

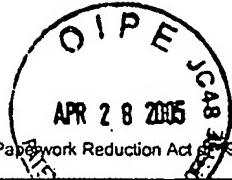
Examiner Signature		Date Considered	Sept. 15, 2005
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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

Approved for use through January 1, 1992, GPO 1987-3087
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Substitute for form 140A (PCT) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Sheet	1	of	1
Application Number 10/781,284			
Filing Date 2/18/2004			
First Named Inventor Backes			
Art Unit 2665			
Examiner Name Not yet known PHILPOTT			
Attorney Docket Number 160-032			

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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document under 37 U.S.C. Standard S1. If possible, Applicant is to place a check mark here if English language Translation is attached.
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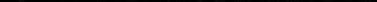
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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/781284
				Filing Date	2/18/2004
				First Named Inventor	Backes
				Art Unit	2665
				Examiner Name	PHILPOTT
Sheet	1	of	2	Attorney Docket Number	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cita No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JMP	US- 2004/0137915 A1		7/15/2004	Diener et al.	
JMP	US- 2003/0207699 A1		11/6/2003	Shpak	
JMP	US- 2002/0193113 A1		12/19/2002	Shibutani	
JMP	US- 2002/0141375 A1		10/3/2002	Choi	
JMP	US- 2003/0022686 A1		1/30/2003	Soomro et al.	
JMP	US- 2002/0176437 A1		11/28/2002	Busch et al.	
JMP	US- 2003/0002456 A1		1/2/2003	Soomro et al.	
JMP	US- 2002/0050995 A1		5/23/2002	Cervello et al.	
JMP	US- 6 741,863 B1		5/25/2004	Chiang et al.	
JMP	US- 6,560,462 B1		5/6/2003	Ravi et al.	
JMP	US- 6,332,007 B1		12/18/2001	Wu et al.	
JMP	US- 6,208,629 B1		3/27/2001	Jaszewski et al.	
JMP	US- 6,198,924 B1		3/6/2001	Ishii et al.	
JMP	US- 6,760,748 B1		7/6/2004	Hakim	
JMP	US- 6,111,867		12/12/1997	Mann	
JMP	US- 6,574,477		10/6/1999	Rathunde	
JMP	US- 6,574,474		5/20/1999	Nielson	
JMP	US- 6,732,163		1/5/2000	Halasz	
JMP	US- 6,215,779		9/22/1998	Bender	
JMP	US- 6,636,737		4/10/2000	Hills	
JMP	US- 6,738,599		3/14/2002	Black	
JMP	US- 6,522,881		3/8/2000	Feder	
JMP	US- 6,208,629		3/10/1999	Jaszewski	

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Substitute for form 1449B/PTO				Complete if Known	
				Application Number	10/781284
				Filing Date	2/18/2004
				First Named Inventor	Backes
				Group Art Unit	2665
				Examiner Name	PHILPOTT
Sheet	2	of	2	Attorney Docket Number	160-032

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Ctn No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>JMP</i>		IEEE, Wireless LAN Mediumj Access Control (MAC) and Physical Layer (PHY) specifications, Standard 802.11, 1999 edition, Reference number ISO/IEC 8802-11:1999(E), 528 Pages.	
<i>JMP</i>		MICHAEL BARR, "Toward a Smaller Java", Embedded.com, June 14, 2002, Pages 1-9.	
<i>JMP</i>		Moustafa Youssef, "Handling Samples Correlation in the Horus System", IEEE INFOCOM 2004	
<i>JMP</i>		Kin K. Leung, "Integrated Link Adaptation and Power Control for Wireless IP Networks", AT&T Labs – research , January 19, 2000.	
<i>JMP</i>		Ana Zapater et. Al., "Development and Implementation of a Bluetooth Networking Infrastructure for the a Notebook – University Scenario", Institute of Communications Engineering, University of Hannover, May 13, 2003.	
<i>JMP</i>		Walter Klotz, "Graph Coloring Algorithms", 1999.	
<i>JMP</i>		Brent N. Chun et. Al., "Market-based Proportional esource Sharing for Clusters", University of California at Berkeley computer Science Division, September 1999.	
<i>JMP</i>		The Four Color Theorem, Web page, author(s) unknown, updated November 13, 1995.	

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